

## *Storm Drainage Bond Construction*

### **310-01-Storm Drainage Bond Construction**

<b>Fund: 310, Storm Drainage Bond Construction</b>	
<b>Total Expenditures</b>	<b>\$0</b>
<b>Revenue:</b>	
General Fund Support	\$0
Bond Revenue	\$0
Other Revenue	\$0
<b>Total Revenue</b>	<b>\$0</b>

#### **► Summary of Program**

This fund supports implementation of the County's Master Drainage Plan which includes storm drainage improvement projects that address house, road and yard flooding conditions, severe streambank erosion, and channel erosion. The project objectives are to protect property and provide water quality improvements to streams by reducing erosion and sedimentation. Water quality improvements are required as part of the County's National Pollutant Discharge Elimination System (NPDES) permit. These projects are generally larger in scope and magnitude than those storm drainage projects funded through the General Fund.

The scope determination, design, and management of these projects are performed by the Stormwater Capital Project Design CAPS. The land acquisition, surveying, and construction management are performed by Stormwater Capital Project Support CAPS.

#### **► Funding Availability and Future Considerations**

Currently in FY 2002, four storm drainage projects (X00084 Indian Springs Phase II, X00087 Long Branch, X00093 Hayfield Farms, and X00211 Holmes Run) are fully funded for design through construction. All projects are moving forward in the design development stages and are anticipated to be completed. In FY 2002, no additional storm drainage bond funding was requested.

Future project development has been limited to only those extreme conditions, noting that the 1978 master plan for drainage and flood control is outdated based upon the development and drainage improvements which have occurred since the completion of the plan. A new master watershed plan is in the development phases with some portions of the County being completed in the next 5 to 7 years. It is prudent to address only those most critical projects until the new watershed plan is completed and with consideration of the limited bond fund capacity for other capital projects.

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## ► Funding Methodology

Projects are developed based upon the Master Drainage Plan which was originally completed in 1978 and sites identified through inspections. These projects are selected based upon established criteria approved by the Board of Supervisors for storm drainage improvement projects.

## ► Status of Program

This fund was established based upon a 1988 Storm Drainage Bond Referendum being approved by the voters in the amount of \$12.0 million. During the past 12 years, 16 projects have been constructed with a total project cost of \$7.34 million. The remaining amount of bond funds totals \$4.66 million and has not been issued.

## ► Mandate Information

This CAPS is Federally or State mandated. The percentage of this CAPS' resources utilized to satisfy the mandate is 76 - 100%. The specific Federal or State code and a brief description of the code follows:

### **Federal**

- Public Law PL-566; 1972 Federal Pollution Control Act; 40 CFR Parts 122-124, 504 (Amendments to the 1987 Clean Water Act requiring National Pollutant Discharge Elimination System (NPDES) Permits for stormwater discharges)
- Clean Water Act Section 404 (Wetlands Law & Regulations); 44 CFR Parts 59-77 (Floodplain Management and Protection Regulations)
- Section 402 Clean Water Act, NPDES Permit; PL-103-325 Section 531 Flood Insurance

### **State**

- Code of Virginia 10.1-603 et seq (VA Stormwater Management Law), 15.1-510 and 62.1-11 Department of Conservation and Recreation Regulation VR 215-02-00
- Code of Virginia 10.1-560 et seq (VA Erosion and Sediment Control Law); VA Soil and Water Conservation Board Regulation VR 625-02-00
- Code of Virginia 10.1-2100 (Chesapeake Bay Preservation Act)
- Code of Virginia 10.1-604 et seq.
- Code of Virginia 62.1-13.5, VR 680-15-02 (VA Water Control Board 401 Water Protection Permit Regulations)
- Code of Virginia 62.1-44; Code 9 VAC 25-30-10 VDPES Permit
- Code of Virginia 15.2-2243 Pro Rata Share